

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

# DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name: that I verily believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of the subject matter claimed and for which a patent is sought in the application entitled:

COMPUTER-GENERATED HOLOGRAM AND ITS FABRICATION PROCESS, REFLECTOR USING A  
COMPUTER-GENERATED HOLOGRAM, AND REFLECTIVE LIQUID CRYSTAL DISPLAY

which application is:

☒ the attached application  
(for original application)

\_\_\_\_\_ application Serial No. \_\_\_\_\_  
filed \_\_\_\_\_, and amended on \_\_\_\_\_

(for declaration not accompanying application)

that I have reviewed and understand the contents of the specification of the above-identified application, including the claims, as amended by any amendment referred to above; that I acknowledge my duty to disclose information of which I am aware which is material to the patentability of this application under 37 C.F.R. 1.56, that I hereby claim foreign priority benefits under Title 35, United States Code §119, §172 or §365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified on said list any foreign application for patent or inventor's certificate on this invention having a filing date before that of the application on which priority is claimed:

Application Number	Country	Filing Date	Priority Claimed (yes or no)
2000-159914	Japan	May 30, 2000	yes
2000-173935	Japan	June 9, 2000	yes
2000-219582	Japan	July 19, 2000	yes

I hereby claim the benefit of Title 35, United States Code §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge my duty to disclose any information material to the patentability of this application under 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status (patented, pending, abandoned)
------------------------	-------------	--

I hereby appoint John H. Mion, Reg. No. 18,879; Donald E. Zinn, Reg. No. 19,046; Thomas J. Macpeak, Reg. No. 19,292; Robert J. Seas, Jr., Reg. No. 21,092; Darryl Mexic, Reg. No. 23,063; Robert V. Sloan, Reg. No. 22,775; Peter D. Olexy, Reg. No. 24,513; J. Frank Osha, Reg. No. 24,625; Waddell A. Biggart, Reg. No. 24,861; Robert G. McMorrow, Reg. No. 19,093; Louis Gubinsky, Reg. No. 24,835; Neil B. Siegel, Reg. No. 25,200; David J. Cushing, Reg. No. 28,703; John R. Inge, Reg. No. 26,916; Joseph J. Ruch, Jr., Reg. No. 26,577; Sheldon I. Landsman, Reg. No. 25,430; Richard C. Turner, Reg. No. 29,710; Howard L. Bernstein, Reg. No. 25,665; Alan J. Kasper, Reg. No. 25,426; Kenneth J. Burchfiel, Reg. No. 31,333; Gordon Kit, Reg. No. 30,764; Susan J. Mack, Reg. No. 30,951; Frank L. Bernstein, Reg. No. 31,484; Mark Boland, Reg. No. 32,197; William H. Mandir, Reg. No. 32,156; Scott M. Daniels, Reg. No. 32,562; Brian W. Hannon, Reg. No. 32,778 and Abraham J. Rosner, Reg. No. 33,276, my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and request that all correspondence about the application be addressed to **SUGHRUE, MION, ZINN, MACPEAK & SEAS**, 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date May 25, 2001 First Inventor Tomohisa HAMANO  
Residence Same as post office address Signature Tomohisa Hamano  
Citizenship JAPAN Post Office Address C/O DAI NIPPON PRINTING CO., LTD., 1-1, Ichigaya-Kagacho 1-Chome, Shinjuku-Ku, TOKYO 162 JAPAN

Date May 25, 2001 Second Inventor Mitsuru KITAMURA  
Residence Same as post office address Signature Mitsuru Kitamura  
Citizenship JAPAN Post Office Address C/O DAI NIPPON PRINTING CO., LTD., 1-1, Ichigaya-Kagacho 1-Chome, Shinjuku-Ku, TOKYO 162 JAPAN

Date: May 25, 2001 Third Inventor: Daijiro KODAMA  
FIRST NAME MIDDLE INITIAL LAST NAME  
Residence: Same as post Signature: Daijiro Kodama  
office address  
Post Office Address: C/O DAI NIPPON PRINTING CO., LTD., 1-1,  
Citizenship: JAPAN Ichigaya-Kagacho 1-Chome, Shinjuku-Ku, TOKYO 162  
JAPAN

Date: May 25, 2001 Fourth Inventor: Hiroshi FUJITA  
FIRST NAME MIDDLE INITIAL LAST NAME  
Residence: Same as post Signature: Hiroshi Fujita  
office address  
Post Office Address: C/O DAI NIPPON PRINTING CO., LTD., 1-1,  
Citizenship: JAPAN Ichigaya-Kagacho 1-Chome, Shinjuku-Ku, TOKYO 162  
JAPAN

Date: \_\_\_\_\_ Fifth Inventor: Hideo YABUHARA  
FIRST NAME MIDDLE INITIAL LAST NAME  
Residence: Same as post Signature: (Diseased)  
office address  
Post Office Address: C/O DAI NIPPON PRINTING CO., LTD., 1-1,  
Citizenship: JAPAN Ichigaya-Kagacho 1-Chome, Shinjuku-Ku, TOKYO 162  
JAPAN

Date: \_\_\_\_\_ Sixth Inventor: \_\_\_\_\_  
FIRST NAME MIDDLE INITIAL LAST NAME  
Residence: \_\_\_\_\_ Signature: \_\_\_\_\_  
\_\_\_\_\_ Post Office Address: \_\_\_\_\_  
Citizenship: \_\_\_\_\_

Date: \_\_\_\_\_ Seventh Inventor: \_\_\_\_\_  
FIRST NAME MIDDLE INITIAL LAST NAME  
Residence: \_\_\_\_\_ Signature: \_\_\_\_\_  
\_\_\_\_\_ Post Office Address: \_\_\_\_\_  
Citizenship: \_\_\_\_\_

Date: \_\_\_\_\_ Eighth Inventor: \_\_\_\_\_  
FIRST NAME MIDDLE NAME LAST NAME  
Residence: \_\_\_\_\_ Signature: \_\_\_\_\_  
\_\_\_\_\_ Post Office Address: \_\_\_\_\_  
Citizenship: \_\_\_\_\_

(Supply similar information for ninth and subsequent joint inventors.)

**DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)**

As a below named legal representative, I hereby declare that: My residence, mailing address, and citizenship are as stated below next to my name. I believe I am an heir and legal representative to an original, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**COMPUTER-GENERATED HOLOGRAM AND ITS FABRICATION PROCESS, REFLECTOR USING A  
COMPUTER-GENERATED HOLOGRAM, AND REFLECTIVE LIQUID CRYSTAL DISPLAY**

the application of which

☐ is attached hereto OR ☒ was filed on May 30, 2001 as United States Application Number or PCT International Application Number 09/866,605 (Confirmation No. 5517), and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part application(s), material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application(s) which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application(s) having a filing date before that of the application on which priority is claimed.

Prior Application Number(s)	Country	Filing Date	Priority Claimed	
			Yes	No
2000-159914	Japan	May 30, 2000	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2000-173935	Japan	June 9, 2000	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2000-219582	Japan	July 19, 2000	<input checked="" type="checkbox"/>	<input type="checkbox"/>

I hereby claim benefit under 35 United States Code §119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date

I hereby claim benefit under 35 United States Code §120 of any United States application(s) or §365(c) of any PCT International application(s) designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge my duty to disclose any information material to the patentability of this application as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. or International Application Number(s)	U.S. or International Filing Date	Status

I hereby appoint all attorneys of SUGHRUE MION, PLLC who are listed under the USPTO Customer Number shown below as my attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, recognizing that the specific attorneys listed under that Customer Number may be changed from time to time at the sole discretion of Sughrue Mion, PLLC, and request that all correspondence about the application be addressed to the address filed under the same USPTO Customer Number.



23373

PATENT TRADEMARK OFFICE

I hereby declare that all statements herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

<b>NAME OF DECEASED INVENTOR:</b>			
Given Name (first and middle [if any]) Hideo		Family Name or Surname YABUHARA	
Inventor's Signature (Deceased)		Date	
Residence: City	State	Country	Citizenship JP
Mailing Address: c/o DAI NIPPON PRINTING CO., LTD., Ichigaya-Kagacho 1-Chome, Shinjuku-Ku			
City Tokyo	State	Zip 162-0062	Country JAPAN

<b>Sole Heir and Legal Representative of Deceased Inventor Hideo YABUHARA:</b>			
Given Name (first and middle [if any]) Manami		Family Name or Surname YABUHARA	
Signature <i>Manami Yabuhara</i>		Date <i>OCT. 24. 2003</i>	
Residence: City Saitama	State	Country JAPAN	Citizenship JP
Mailing Address: 5-22-4, Jonan 1-chome, Iwatsuki-shi			
City Saitama	State	Zip 339-0043	Country JAPAN